

FIG. 2

FIG. 3

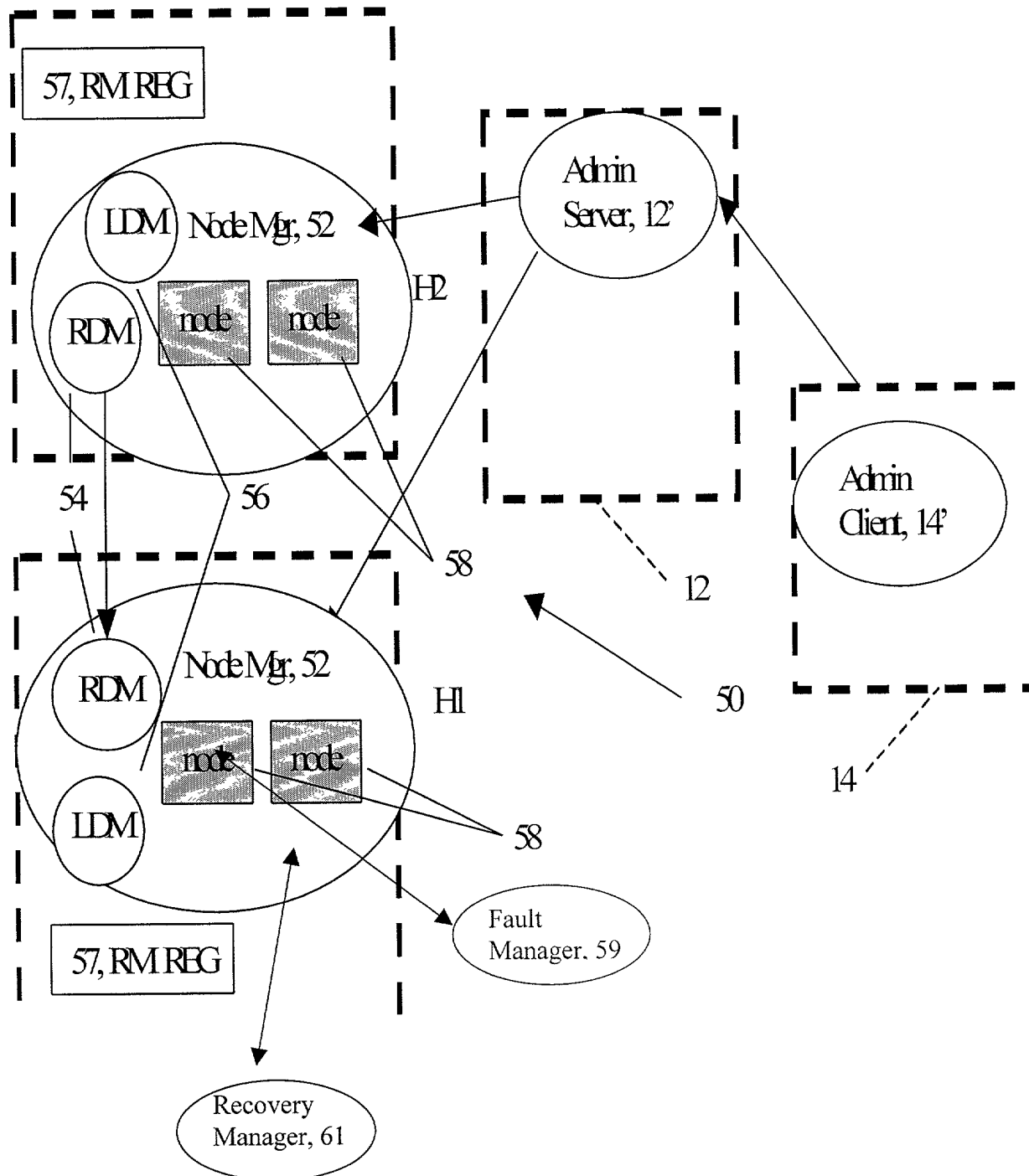
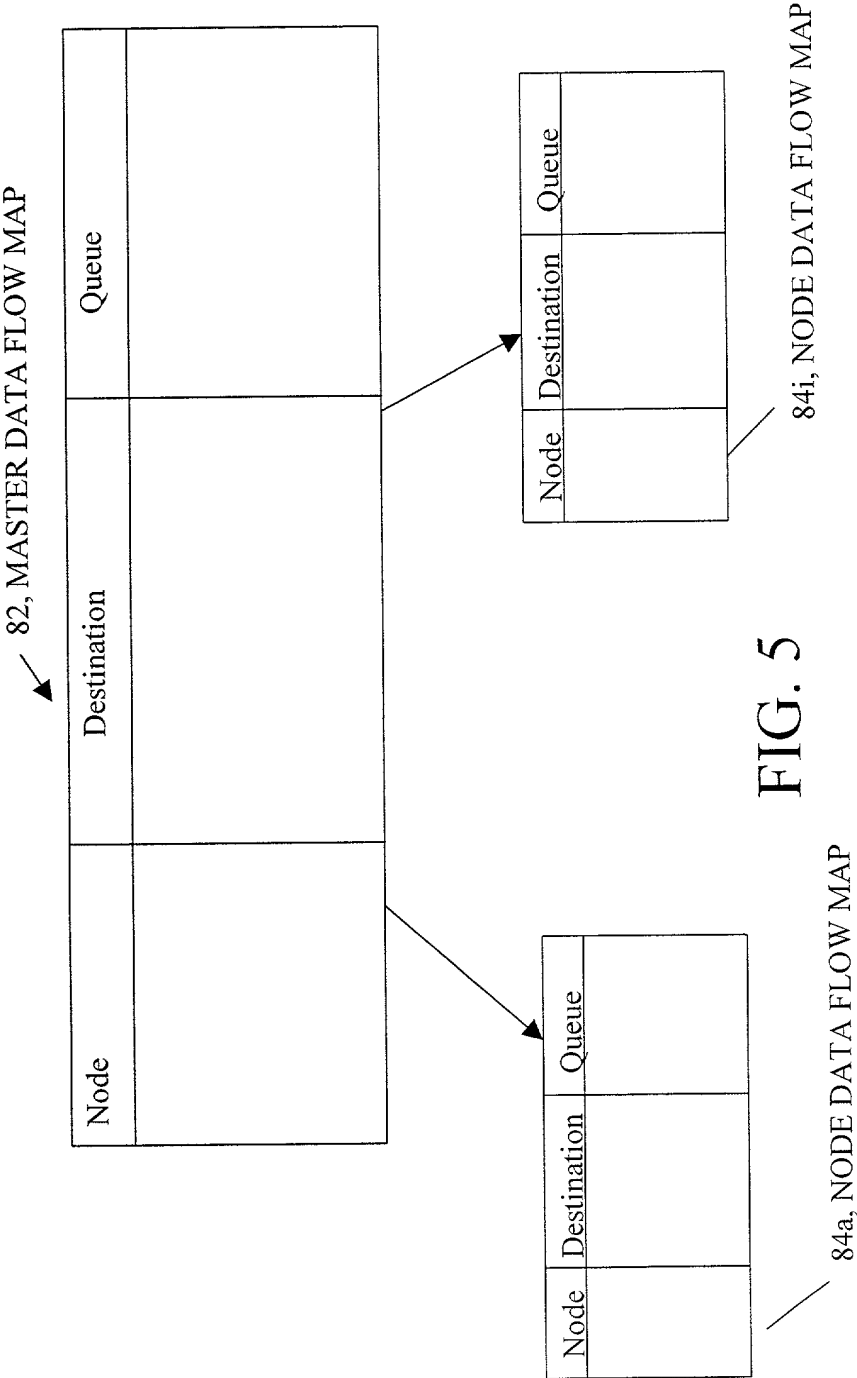


FIG. 4

| | | |
|---|--------------|-----------------------------------|
| / | /input/24b | The input queues are where nodes |
| | /26b | look for files to process |
| | /28b | |
| | /28d | |
| / | /output/24b | The output queues are where nodes |
| | /26b | write their post-processed files |
| | /28b | |
| / | /scratch/24b | The scratch queues is used by the |
| | /25b | node to persist data |
| | /28b | |



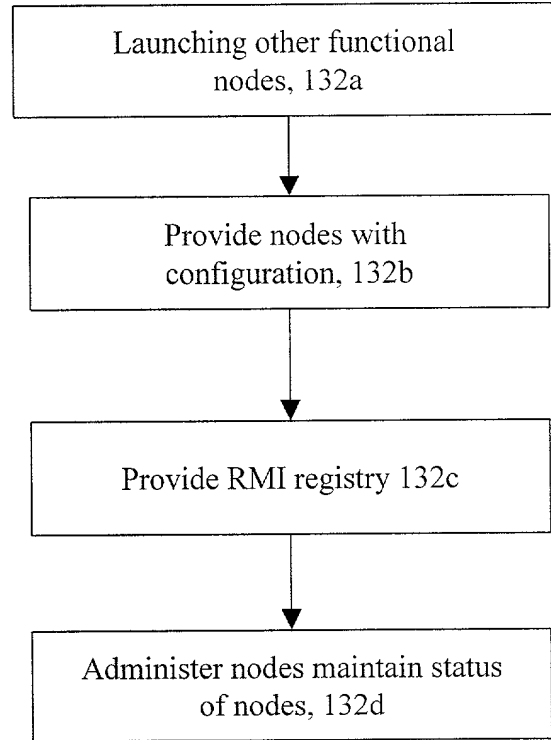
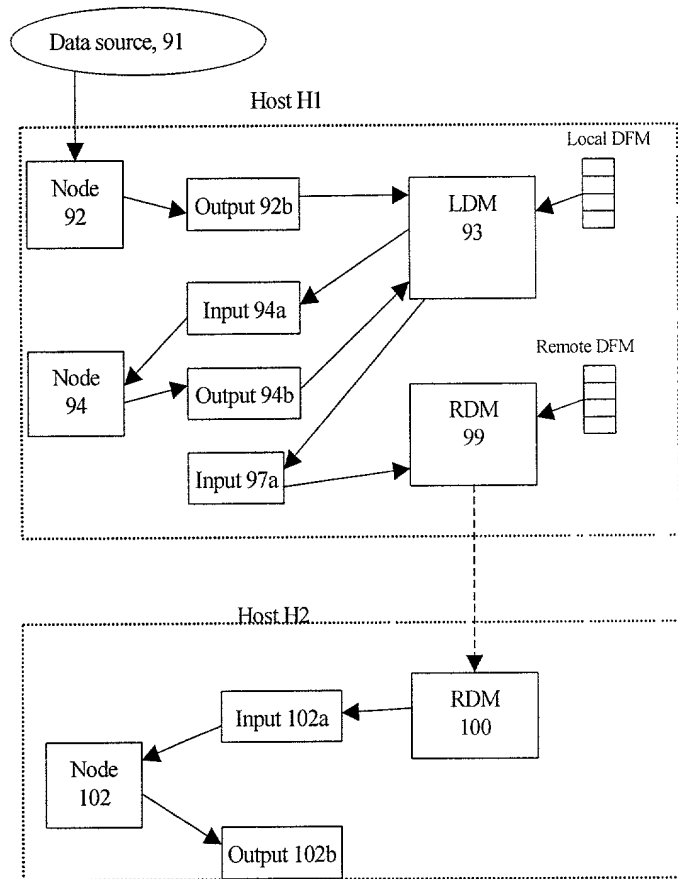


FIG. 6

FIG. 7



90

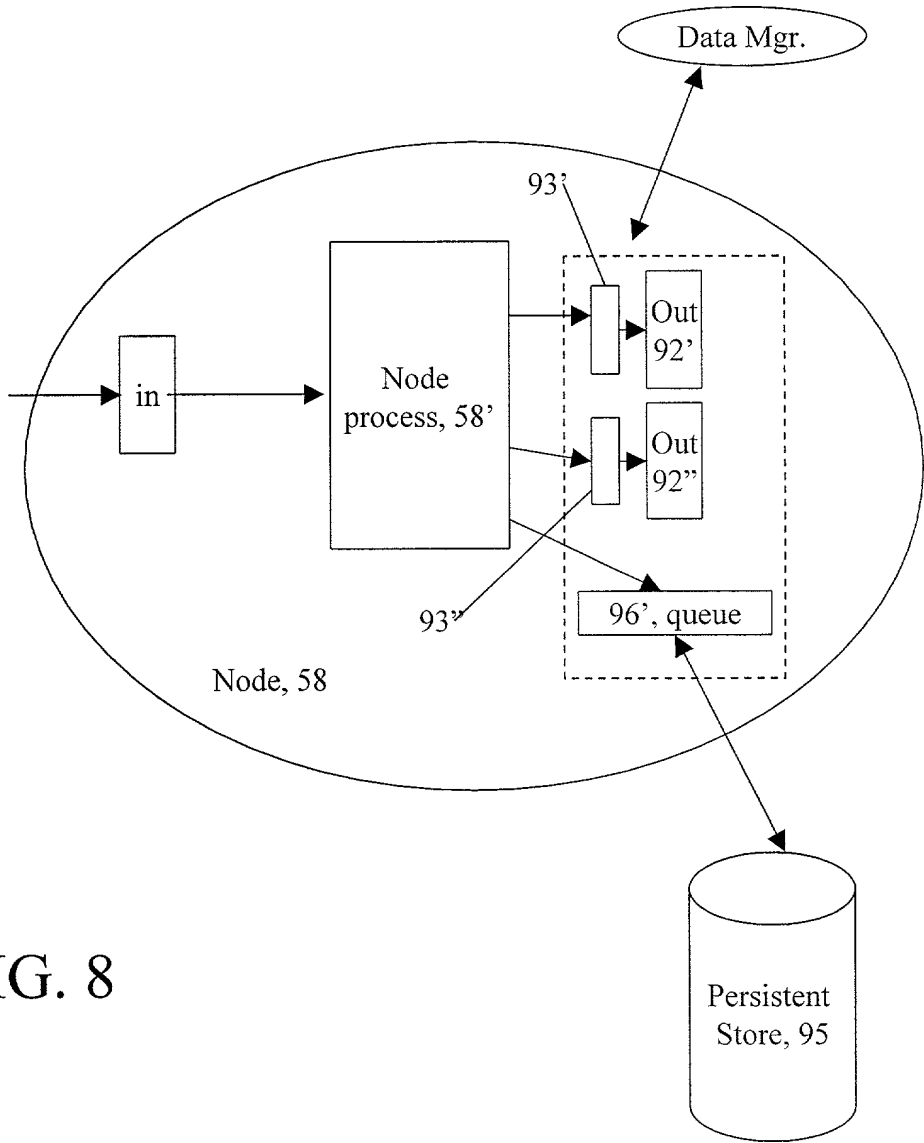


FIG. 8

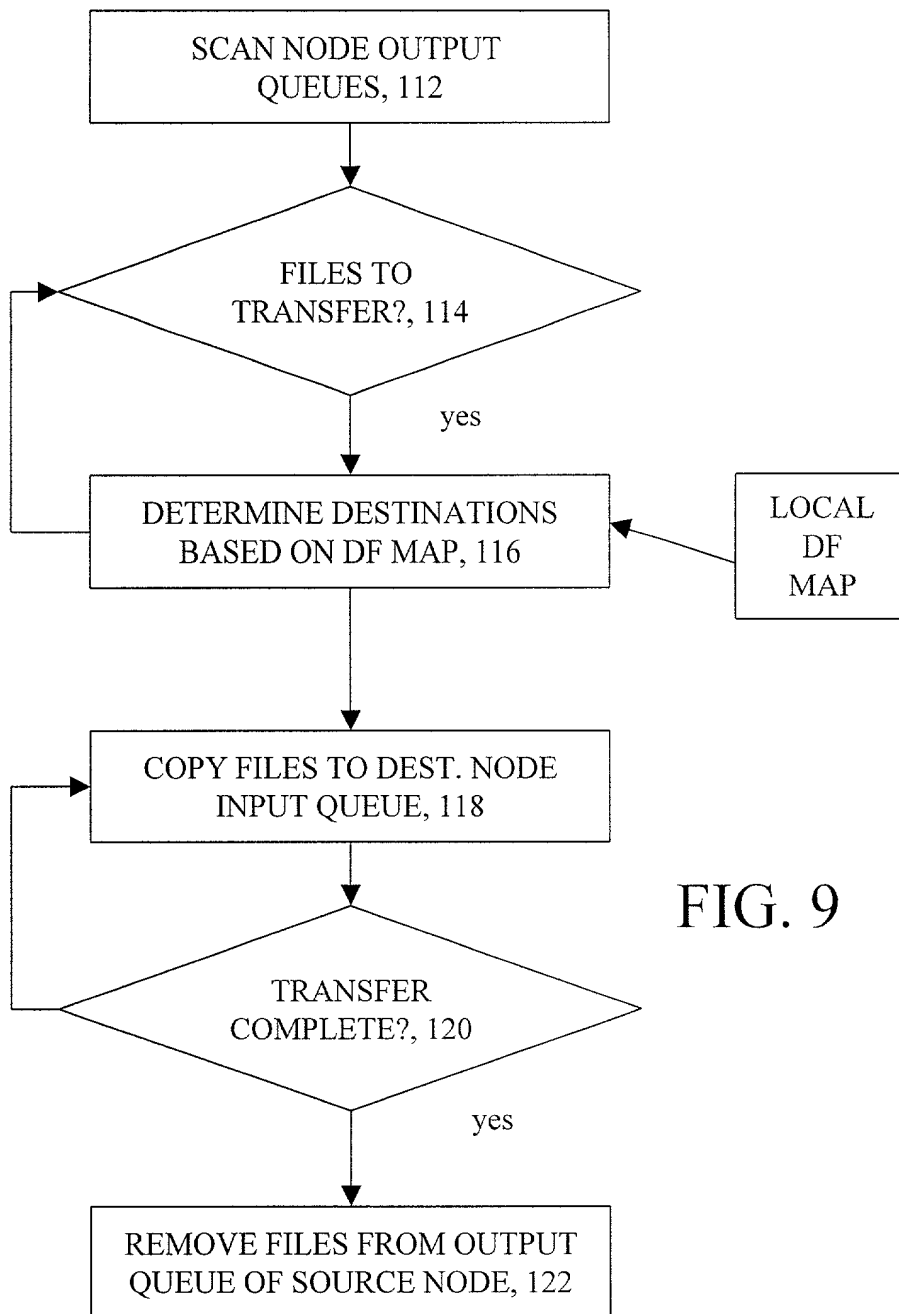


FIG. 9

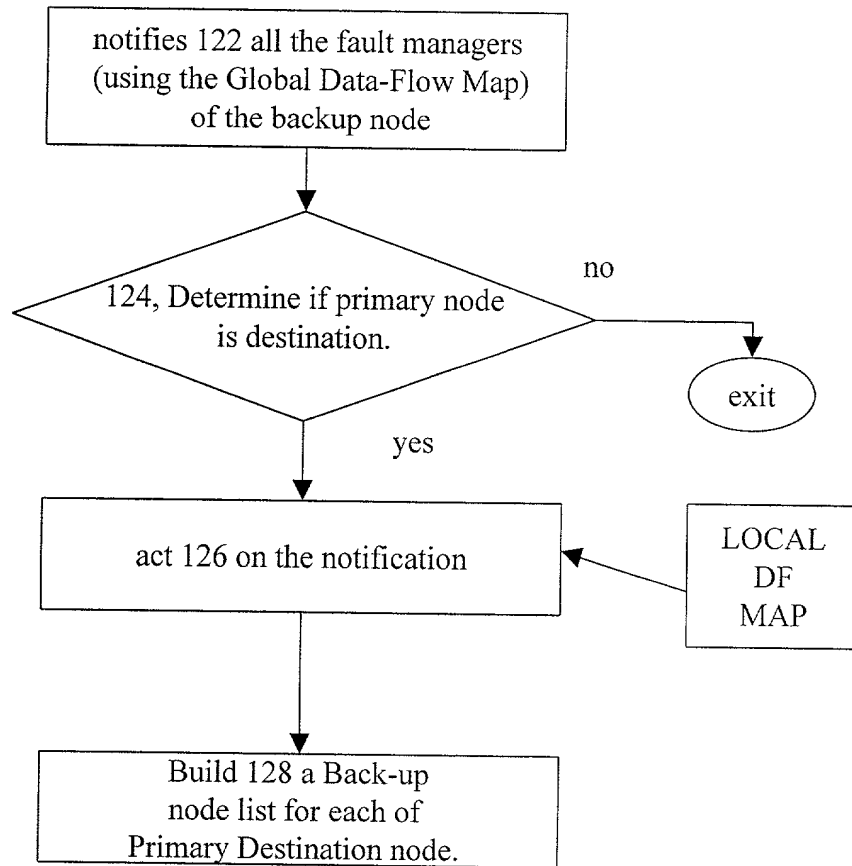


FIG. 10

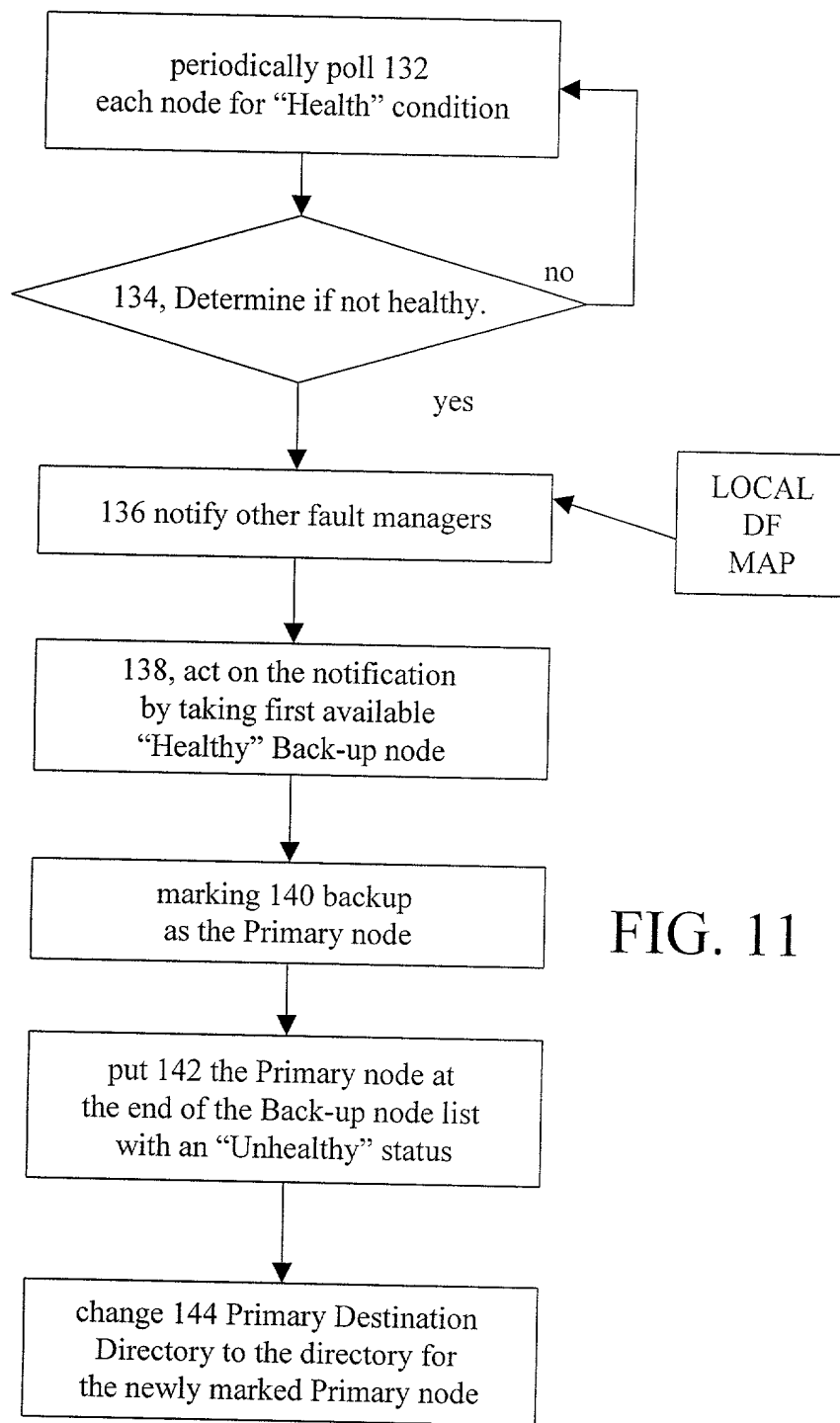
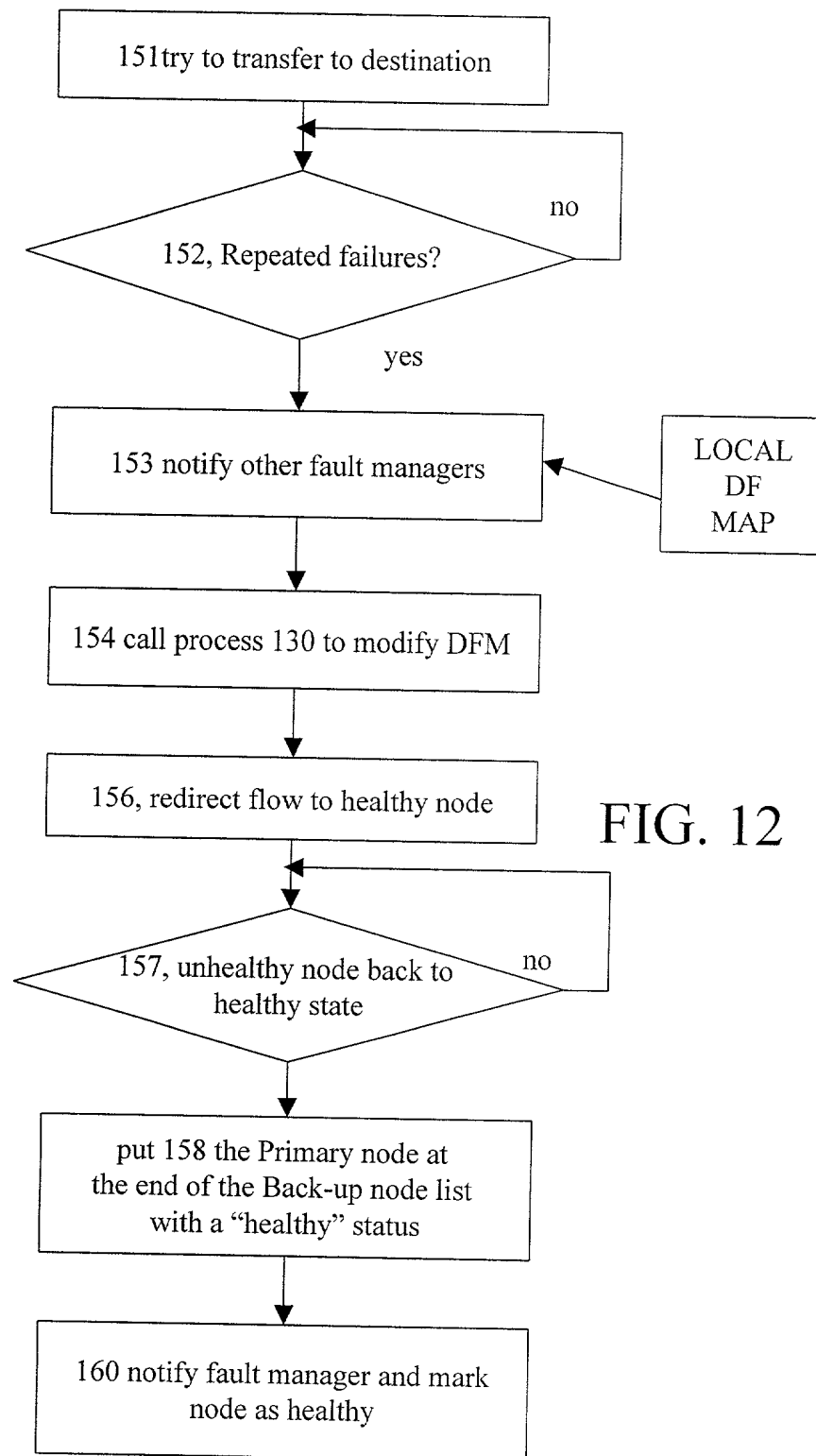


FIG. 11



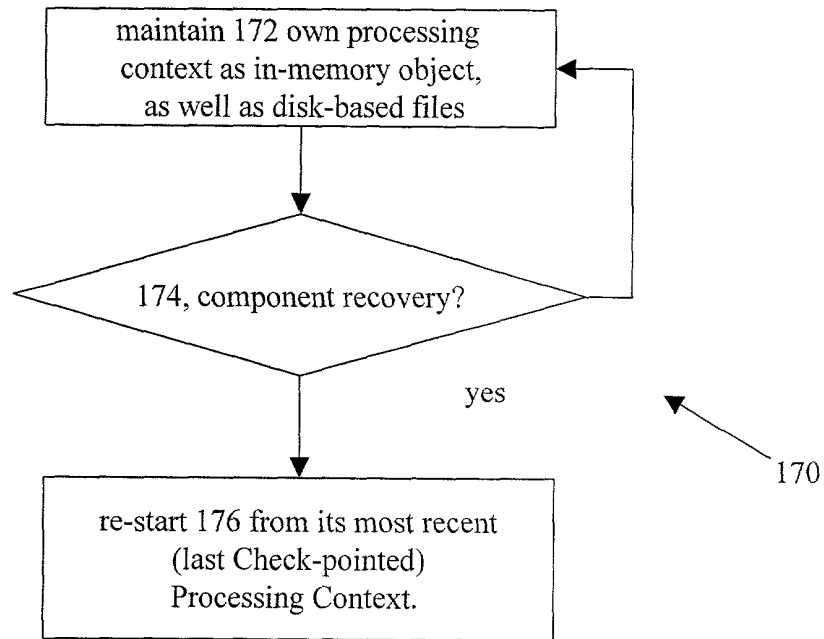


FIG. 13

DISTRIBUTED PROCESSING AND CRITERIA-BASED
DYNAMIC MODIFICATION OF DATA-FLOW MAP

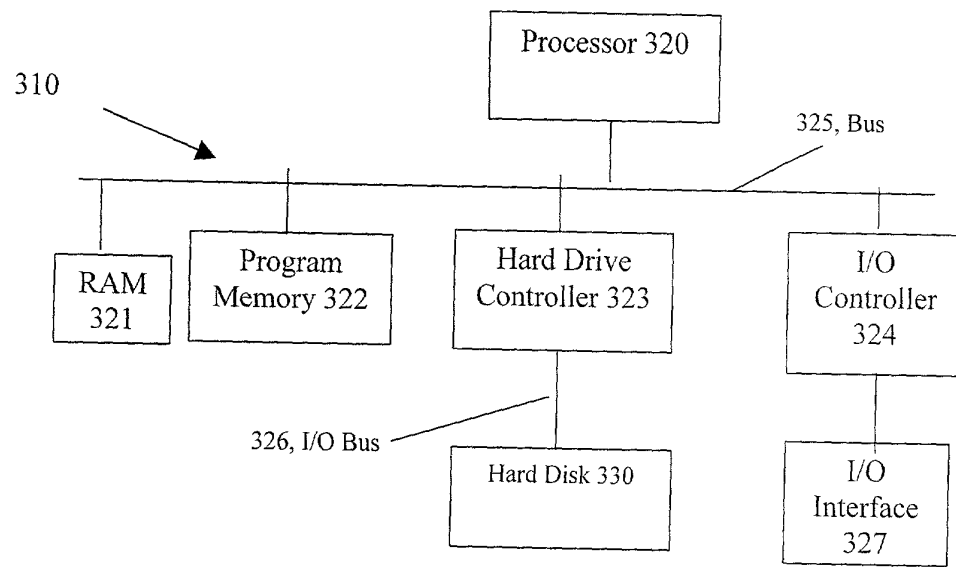


FIG. 14